



Addendum Notice

This **ADDENDUM #3** forms a part of the Contract Document and modifies the original formal solicitation document.

Date	March 16, 2020
Addendum No.	ADDENDUM #3
Formal Solicitation Name	RFQ-17-025 WWTF Capacity Expansion and Process Optimization

Questions Received

1. Can we have flows data to the WWTF for Years 2017 and 2018? We did have 2019 flows data, but we think at least three years data are needed. **Answer:**

Flow Data Jan. 2017 - Present

Date	Flow		Flow
	Mo. Avg MGD	3 Mo. Avg MGD	12 Mo. Avg MGD
Jan-17	2.99		
Feb-17	2.99		
Mar-17	2.90	2.96	
Apr-17	2.90	2.93	
May-17	2.90	2.90	
Jun-17	3.20	3.00	
Jul-17	3.54	3.21	
Aug-17	3.43	3.39	
Sep-17	3.73	3.57	
Oct-17	3.37	3.51	
Nov-17	3.12	3.41	
Dec-17	3.08	3.19	3.18
Jan-18	3.10	3.10	3.19
Feb-18	3.05	3.08	3.19
Mar-18	3.03	3.06	3.20

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Apr-18	3.15	3.08	3.23
May-18	3.34	3.17	3.26
Jun-18	3.40	3.30	3.28
Jul-18	3.85	3.53	3.30
Aug-18	3.63	3.63	3.32
Sep-18	3.55	3.68	3.31
Oct-18	3.15	3.44	3.29
Nov-18	3.07	3.26	3.28
Dec-18	3.40	3.21	3.31
Jan-19	3.29	3.25	3.33
Feb-19	3.26	3.32	3.34
Mar-19	3.12	3.22	3.35
Apr-19	3.13	3.17	3.35
May-19	3.06	3.10	3.33
Jun-19	3.51	3.23	3.34
Jul-19	3.32	3.30	3.29
Aug-19	3.93	3.59	3.32
Sep-19	3.59	3.61	3.32
Oct-19	3.43	3.65	3.34
Nov-19	3.50	3.51	3.38
Dec-19	3.65	3.53	3.40
Jan-20	3.56	3.57	3.42
Feb-20	3.57	3.59	3.45

2. When was Process train (P-40) built? It was shown as 'existing' in Boyle's drawings for Process train (P-30). We would like to verify if it is correct to assume that both P-40 and P-30 trains have all same name basin with similar surface area.

Answer: Process Train 40 (P40) was put into service in 1979. Although similar, the 2 trains, P40 and P30 do have slightly different footprints. The biggest difference is in the dimensions of the 2nd anoxic zones. The volume and surface area of the second anoxic zone on P40 is larger than that of the same zone on P30. The overall volume of P40 is approximately 150,000 gallons less than P30 train.



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3. What were the design flows considered by Tetra Tech in the two most recent improvements at the facility? I mean the headworks improvements and the design of the new filters.

Answer: The design flows considered in the past for projects were 4.7 MGD AADF. However, we are looking for a proposed 6 MGD AADF to handle predicted increased flow rates.

4. Can operation staff tell us about the various operational issues encountered with the current operation of the WWTF?

Answer: Current prominent issues with the treatment process include:

- A. **Poor headworks screening capability. The current headworks cannot handle flows much greater than normal operating flows of 3.5 MGD.**
 - B. **Grit removal capabilities are almost non-existent currently.**
 - C. **Final screening and filtration is currently at almost maximum handling capacity. All 3 currently installed filters need to be operating otherwise it is difficult to maintain needed Turbidity <2.**
 - D. **Aging pumps, motors and mixers.**
5. Finally, should we assume that the flows projections given in the '2010 Wastewater Master Plan' to be correct? Or, is there any additional information you can share with us?

Answer: Yes

PLEASE NOTE

Bidders are required to acknowledge receipt of **ADDENDUM #3** in the space provided on the Signature Sheet within the original formal solicitation document.

FAILURE TO ACKNOWLEDGE ALL ADDENDA MAY BE CAUSE FOR REJECTION OF THE RESPONSE.